

Appln No. 10/594,287
Amdt date July 15, 2011
Reply to Office action of February 16, 2011

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please cancel claims 21-24, 29, 30, 41 and 42, amend claims 25, 31-33, 35 and 38, and add claims 43-58 as follows:

1-20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Currently Amended) An apparatus for adjusting the picture definition on a camera lens of a motion picture camera using a drive unit connected to the camera lens with an operating unit, which operating unit has a picture definition handwheel, which outputs control signals for manually adjusting, readjusting or delimiting an adjustment range of a picture definition to the drive unit, and a scale dial for displaying an adjusted picture definition and/or the delimited adjustment range of the picture definition,

with an auto-focusing device for measuring the distance from an object to be recorded by the motion picture camera and outputting control signals to the drive unit for controlling the picture definition as a function of the measured distance from the object to be recorded, and

with an electromechanical actuator of the operating unit for adjusting or readjusting the picture definition adjusted on the picture definition handwheel or displayed on the scale dial as a function of the control signals output by the auto-focusing device, wherein the scale dial

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comprises a scale dial which can be written on, whose position in relation to a reference position can be varied as a function of the control signals output by the auto-focusing device, and wherein the scale dial can be connected to stops for delimiting the picture definition adjustment range, whose position on the scale dial can be varied as a function of the control signals output by the auto-focusing device.

26. (Previously Presented) The apparatus of claim 25, wherein the electromechanical actuator adjusts the picture definition in relation to a reference position on the picture definition handwheel or displays it on the scale dial.
27. (Previously Presented) The apparatus of claim 25 or 26, wherein the drive unit can be driven using an electric line connection or a radio connection by the operating unit in a manual focusing operation and by the auto-focusing device in an automatic focusing operation, which auto-focusing device, in the automatic focusing operation, output control signals both to the drive unit and the operating unit using electric line connections or a radio connection.
28. (Previously Presented) The apparatus of claim 25, wherein the picture definition handwheel is in the form of an absolute encoder.
29. (Canceled)
30. (Canceled)
31. (Currently Amended) An apparatus for adjusting the picture definition on a camera lens of a motion picture camera using a drive unit connected to the camera lens, with an operating unit, which operating unit has a picture definition handwheel, which outputs control signals for manually adjusting, readjusting or delimiting an adjustment range of a picture definition to the drive unit, and a scale dial for displaying an adjusted picture definition and/or the delimited adjustment range of the picture definition, with an auto-focusing device for measuring the distance from an object to be recorded by the motion picture camera and

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outputting control signals to the drive unit for controlling the picture definition as a function of the measured distance from the object to be recorded, and with an electromechanical actuator of the operating unit for adjusting or readjusting the picture definition adjusted on the picture definition handwheel or displayed on the scale dial as a function of the control signals output by the auto-focusing device, wherein the scale dial comprises a scale dial which can be written on, whose position in relation to a reference position can be varied as a function of the control signals output by the auto-focusing device, and The apparatus of claim 29, wherein the scale dial and/or [[the]] stops for delimiting the picture definition adjustment range can be ~~reset~~ changed using a differential gear mechanism without resetting the input device.

32. (Currently Amended) The apparatus of claim 25, wherein the electromechanical actuator comprises a motor/gear arrangement which can be ~~reset~~ changed as a function of the control signals output by the auto-focusing device.

33. (Currently Amended) The apparatus of claim 25, wherein the picture definition handwheel and/or the scale dial can be ~~reset~~ changed, as a function of the control signals output by the auto-focusing device, using a direct drive, in particular using an electric motor or an ultrasonic motor.

34. (Previously Presented) The apparatus of claim 32, wherein the picture definition handwheel and/or the scale dial can be connected to the motor/gear arrangement or to the direct drive via a clutch.

35. (Currently Amended) An apparatus for adjusting the picture definition on a camera lens of a motion picture camera using a drive unit connected to the camera lens with an operating unit, which operating unit has a picture definition handwheel, which outputs control signals for manually adjusting, readjusting or delimiting an adjustment range of a picture definition to the drive unit, and a scale dial for displaying an adjusted picture definition and/or the delimited adjustment range of the picture definition,

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with an auto-focusing device for measuring the distance from an object to be recorded by the motion picture camera and outputting control signals to the drive unit for controlling the picture definition as a function of the measured distance from the object to be recorded, and

with an electromechanical actuator of the operating unit for adjusting or readjusting the picture definition adjusted on the picture definition handwheel or displayed on the scale dial as a function of the control signals output by the auto-focusing device. The apparatus of claim 25, wherein the operating unit comprises a manual follow focus with a picture definition handwheel and a scale dial with stops for delimiting the picture definition adjustment range, wherein an electric motor can be plugged onto the manual follow focus, which electric motor can be disconnected during the manual focusing operation, and in that the electric motor can be driven by the auto-focusing device in an automatic focusing operation such that the position of the picture definition handwheel and/or the scale dial and/or the stops for delimiting the picture definition adjustment range can be varied as a function of the control signals output by the auto-focusing device.

36. (Previously Presented) The apparatus of claim 35, wherein during the manual focusing operation the electric motor can be disconnected electrically.

37. (Previously Presented) The apparatus of claim 35, wherein during the manual focusing operation the electric motor can be disconnected using a clutch which can be released.

38. (Currently Amended) The apparatus of claim 35, wherein the operating unit is connected via a position encoder to a microprocessor which ~~resets~~ changes the input and/or display device of the operating unit as a function of the control signals output by the auto-focusing device using an actuating motor and a gear mechanism, and in that an auto-focus momentary contact switch or auto-focus switch is connected to an input of the microprocessor for initiating the automatic or manual focusing operation.

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39. (Previously Presented) The apparatus of claim 38, wherein the auto-focus momentary contact switch triggers a transfer of a picture definition setpoint value, output by the auto-focusing device to the drive unit connected to the camera lens.

40. (Previously Presented) The apparatus of claim 38, wherein the auto-focus switch activates the automatic focusing operation in a first position, and the manual focusing operation in a second position, and in that the control signals of the auto-focusing device are applied to the operating unit in the first position of the auto-focus switch and/or when the auto-focus switch is switched over from the first position to the second position.

41. (Canceled)

42. (Canceled)

43. (New) An apparatus for adjusting the picture definition on a camera lens of a motion picture camera, said apparatus comprising:

a drive unit connected to the camera lens;

an operating unit comprising a manual follow focus with a picture definition handwheel, which outputs control signals for manually adjusting, readjusting or delimiting an adjustment range of a picture definition to the drive unit;

an auto-focusing device for measuring the distance from an object to be recorded by the motion picture camera and outputting control signals to the drive unit for controlling the picture definition as a function of the measured distance from the object to be recorded; and

an electromechanical actuator of the operating unit for adjusting or readjusting the picture definition adjusted on the picture definition handwheel as a function of the control signals output by the auto-focusing device, said electromechanical actuator being driven by the auto-focusing device in an automatic focusing operation such that the position of the picture definition handwheel can be varied.

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44. (New) The apparatus of claim 43, wherein the drive unit can be driven using an electric line connection or a radio connection by the operating unit in a manual focusing operation and by the auto-focusing device in an automatic focusing operation, which auto-focusing device, in the automatic focusing operation, output control signals both to the drive unit and the operating unit using electric line connections or a radio connection.

45. (New) The apparatus of claim 43, wherein the picture definition handwheel is in the form of an absolute encoder.

46. (New) The apparatus of claim 43, wherein the positioning of the picture definition handwheel relative to a reference position can be changed as a function of the control signals emitted by the auto-focusing device.

47. (New) The apparatus of claim 43, wherein the electromechanical actuator comprises a motor/gear arrangement which can be reset as a function of the control signals output by the auto-focusing device.

48. (New) An apparatus for adjusting the picture definition on a camera lens of a motion picture camera, said apparatus comprising:

 a drive unit connected to the camera lens;

 an operating unit comprising a scale dial for displaying an adjusted picture definition and/or a delimited adjustment range of the picture definition;

 an auto-focusing device for measuring the distance from an object to be recorded by the motion picture camera and outputting control signals to the drive unit for controlling the picture definition as a function of the measured distance from the object to be recorded; and

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an electromechanical actuator of the operating unit for adjusting or readjusting the picture definition displayed on the scale dial as a function of the control signals output by the auto-focusing device,

 said scale dial being connected to stops for delimiting the picture definition adjustment range, whose position on the scale dial can be varied as a function of the control signals output by the auto-focusing device.

49. (New) The apparatus of claim 48, wherein the scale dial can be written on, whose position in relation to a reference position can be varied as a function of the control signals output by the auto-focusing device.

50. (New) The apparatus of claim 48, wherein the scale dial and/or the stops for delimiting the picture definition adjustment range can be changed using a differential gear mechanism without changing the input device.

51. (New) An apparatus for adjusting the picture definition on a camera lens of a motion picture camera, said apparatus comprising:

 a drive unit connected to the camera lens;

 an operating unit comprising a manual follow focus with a picture definition handwheel, which outputs control signals for manually adjusting, readjusting or delimiting an adjustment range of a picture definition to the drive unit, and a scale dial for displaying an adjusted picture definition and/or a delimited adjustment range of the picture definition;

 an auto-focusing device for measuring the distance from an object to be recorded by the motion picture camera and outputting control signals to the drive unit for controlling the picture definition as a function of the measured distance from the object to be recorded; and

 an electromechanical actuator of the operating unit for adjusting or readjusting the picture definition adjusted on the picture definition handwheel or displayed on the scale dial as a function of the control signals output by the auto-focusing device, said electromechanical

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actuator being driven by the auto-focusing device in an automatic focusing operation such that the position of the picture definition handwheel can be varied,

 said scale dial being connected to stops for delimiting the picture definition adjustment range, whose position on the scale dial can be varied as a function of the control signals output by the auto-focusing device.

52. (New) The apparatus of claim 51, wherein the electromechanical actuator adjusts the picture definition in relation to a reference position on the picture definition handwheel or displays it on the scale dial.

53. (New) The apparatus of claim 51, wherein an electric motor can be plugged onto the manual follow focus, which electric motor can be disconnected during the manual focusing operation, and wherein the electric motor can be driven by the auto-focusing device in an automatic focusing operation such that the position of the picture definition handwheel and/or the scale dial and/or the stops for delimiting the picture definition adjustment range can be varied as a function of the control signals output by the auto-focusing device.

54. (New) The apparatus of claim 53, wherein during the manual focusing operation the electric motor can be disconnected electrically.

55. (New) The apparatus of claim 53, wherein during the manual focusing operation the electric motor can be disconnected using a clutch which can be released.

56. (New) The apparatus of claim 51, wherein the operating unit is connected via a position encoder to a microprocessor which changes the input and/or display device of the operating unit as a function of the control signals output by the auto-focusing device using an actuating motor and a gear mechanism, and wherein an auto-focus momentary contact switch or

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auto-focus switch is connected to an input of the microprocessor for initiating the automatic or manual focusing operation.

57. (New) The apparatus of claim 56, wherein the auto-focus momentary contact switch triggers a transfer of a picture definition setpoint value, output by the auto-focusing device to the drive unit connected to the camera lens.

58. (New) The apparatus of claim 56, wherein the auto-focus momentary switch activates the automatic focusing operation in a first position, and the manual focusing operation in a second position, and wherein the control signals of the auto-focusing device are applied to the operating unit in the first position of the auto-focus switch and/or when the auto-focus switch is switched over from the first position to the second position.